INDEX TO VOLUME 14

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles, correspondence and society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters, B, O, and S, respectively.

Abnormalities, calcigerous metaplasia of auricular cartilage, *70
Abscess, brain, as otologist's problem, 98
brain, otogenous, 106
brain; primary Vincent's infection of nose with secondary abscess of frontal lobe; report of case, *818
brain, with meningitis, 234
epidural abscess over tip of pyramid, with symptoms of fifth and sixth nerves; report of 2 cases, *337
osteoma of nasal septum, with large epidural abscess; operation; recovery, *23
peritonsillar; thrombophlebitis of cavernous and intercavernous sinuses: bilateral orbital thrombophlebitis consecutive to peritonsillar abscess, 225
retropharyngeal, acute, 404
retropharyngeal; fatal hemorrhage resulting from extension of retropharyngeal abscess to deep vessels of neck, *149
retropharyngeal: newer methods of diagnosis and treatment, *467
Acriflavine in tuberculous ulcerations of larynx, 228
Addison's disease, 530
Adenocarcinoma, tumors of tonsils and pharynx; adenocarcinoma of mixed tumor type, *699
Adenoids, indications for removal of, 398
observations following adenoidectomy, *775
relation of tonsils and adenoids to infections in children, 224
Agranulocytosis: See Angina, agranulocytic
Alcohol injections in treatment of allergic diseases, 522
sinusitis in a series of alcoholic hallucinoses, *327
Allergy: See Anaphylaxis and Allergy
Allman, C.: Mastoiditis with meningitis, 657
Amano, K. W.: Paranasal sinusitis; local immunization treatment, *30
Specific prophylaxis of pneumococcus and streptococcus meningitis; serum prophylaxis, *125
American Board of Otolaryngology examination, 212, 641
federation of Organizations for Hard of Hearing, Inc., work of, 677
Amsden, H. H.: A retractor for use in radical operation on antrum, *341
Amygdalectomy: See Tonsillectomy
Analgesia: See Anesthesia
Anaphylaxis and Allergy; advances in field of allergy as related to otolaryngology during years 1930 and 1931, *623
importance of food sensitization in allergic rhinitis, 102
treatment of allergic diseases by means of alcohol injections, 522
Andrews, A. H.: Indications for operation in acute mastoiditis, 248
Anesthesia, local, dangers of, 838
local, especially in septum operation, 650
local, in radical operation on frontal sinus, *26
Angina, agranulocytic, 243
laryngea, epidemic of, 835
Plaut-Vincent's infection, *1
Vincent's primary infection of nose with secondary abscess of frontal lobe; report of case, *818
Angioma of nasal septum: case report, 537
Anomaly: See Abnormality
Antroscopic diagnosis of maxillary sinusitis, *266
Antrum, antroscopic diagnosis of maxillary sinusitis, *266
carcinoma of, 654
cyst in right maxillary cavity, 395
Antrum—Continued
examination of living cells, 525
intra-antral air pressure incident to respiratory excursions and its effect on antral drainage, *581
natural orifice of maxillary sinus, anatomic studies, 534
operative treatment of chronic sinusitis maxillaris, 103
regeneration of mucous membrane in, *309
relation of clinical to bacteriologic observations in normal and in diseased maxillary antrums, *440; correction, 641
retractor for use in radical operation on, *341
transillumination and roentgenography of maxillary sinuses, *737
Aphasia, amnesic particularly so-called optic aphasia, 524
hysterical, 231
Apomorphine, effect on vestibular response to rotation, *755
Apparatus: See also Instruments
development of head lights and introduction of Good-lite, 393
scouring apparatus for cleansing of cavities, such as paranasal air cells, *82
Asherson, N.: Significance of edema due to mastoiditis, *551
Aspirator, postnasal, *829
Asthma, relation of nasal sinuses to, *784
Atropine, effect on vestibular response to rotation, *755
Audiometer, detection and measurement of deafness in school children by means of a gramophone, 216
audiometric findings and clinical records in Philadelphia public schools, 395
audiometric studies; aural acuity and lesions of brain, 685
Auditory Organ: See Ear

Babbitt, J. A.: Modified attic drainage in chronic suppurative otitis media, 115
Parotid fistulas in mastoid wound, 672
Bacteria, intra-aural administration of certain bacteria associated with middle ear disease in albino rats, 216
Ballance, C.: Operative treatment of facial palsy by introduction of nerve grafts into fallopian canal and by other intratemporal methods, 690
Balmer, F. B.: Relation of clinical to bacteriologic observations in normal and in diseased maxillary antrums, *440; correction, 641
Barnes, H. A.: Carcinoma of antrum, 654
Ethmoiditis with orbital involvement, 658
Fibrosarcoma of pharynx, 237
One-stage laryngectomy, 843
Radical obliterative frontal sinus, 237
Batson, O. V.: Usual course and relation of nervus facialis and important variations, 114
Becker, B. M.: Rôle of eustachian tubes in hearing, *615
Berens, C.: Intracranial lesions of otitic origin from ophthalmologist's standpoint, 664
Besredka theory of immunity and its possible application in otolaryngology, 103
Blair, V. P.: Observations and correction of various types of congenital atresia of one or both nasal passages and certain apparently related lesions, 527
Blind, study of education of deaf-blind, 387
Blood, favorable experiences in treatment of suppurative blood infections by means of activated donor, 652
picture in otitic infections, *291
Bloxsom, A. P.: An illuminated otoscope designed for irrigating, *621
Bogan, F.: Case of mastoiditis; lateral sinus phlebitis with septicemia, 840
Recurrent chills and fever following interval of normal temperature after jugular ligation, 841
Bones, fragility of bones, blue sclerae and auricular disturbances, 833

Book Reviews:
Asthma and Hay Fever in Theory and Practice. Part I: Hypersensitiveness, Anaphylaxis, Allergy; A. F. Coca. Part II: Asthma. M. Walzer. Part III: Hay Fever. A. A. Thommen, 405
Displacement Method of Sinus Diagnosis and Treatment. A Practical Guide to the Use of Radiopaques in Nasal Sinuses; A. W. Proetz, 543
Human Voice. Its Care and Development. L. Felderman, 846
Maligne Pharynx- und Larynxtumoren; A. Zuppinger, 404
Medikamentöse und allgemeine Behandlung der Ohrenkrankheiten; C. Stein, 544
Ophthalmo- und Oto-Neurologie. Ein Lehrbuch für Studierende und Aerzte; E. A. Spiegel and I. Sommer, 846

Brain abscess as otologist's problem, 98
abscess with meningitis, 234
abscesses, otogenous, 106
acute frontal sinusitis, orbital cellulitis, osteomyelitis and abscess of brain, with recovery, *476
aural acuity and lesions of brain, audiometric studies, 685
intracranial lesions of otitic origin from neurologist's standpoint, 665
intracranial lesions of otitic origin from ophthalmologist's standpoint, 664
intracranial lesions of otitic origin from otologist's standpoint, 664
pathways of intracranial complications, 666
perforating bullet wound of frontal portion of brain with involvement of frontal sinus cured by operative treatment, 522
primary Vincent's infection of nose with secondary abscess of frontal lobe; report of case, *818
Bromide, effect on vestibular response to rotation, *755
Bronchography, 652
Bronchoscope, improved bronchoscope and esophagoscope, *479
Bronchoscopy, 2 bronchoscopic cases, 236
Bronchus, chronic diphtheria originating in and limited to trachea and bronchi, 104
new forceps for intrabronchial injection of iodized oil, *617
Brooks, E. B.: Acute retropharyngeal abscess, 404
Bunch, C. C.: Auditory tests in cases of marked or complete unilateral deafness, 687

Caffeine, effect on vestibular response to rotation, *755
Cahill, H. P.: Intracranial lesions of otitic origin from otologist's standpoint, 664
Calcium, result of treatment for otosclerosis by parathyroid hormone and low calcium diet, 660
Campbell, E. H.: Relationship between status lymphaticus, thymus and suprarenal glands, 528
Camphor, effect on vestibular response to rotation, *755
Cancer: See also Tumor
esophagus, 391
esophagus, treatment for, 392
laryngopharynx, 117
larynx, 238
sphenoid sinuses with invasion of cranial cavity, *16
thyrotomy in treatment for cancer of larynx, 404
tongue with blocked dissection of neck, 842
Carbohydrate, disturbances in carbohydrate metabolism in course of tonsillar diseases, 227
Caron, A.: Cerebrospinal rhinorrhea, 844
Cartilage, auricular calcigerous metaplasia of, *70
Cataplexy, laryngeal vertigo and its relation to, 532
Cavernous sinus, thrombophlebitis of cavernous and intercavernous sinuses: bilateral orbital thrombophlebitis consecutive to peritonsillar abscess, 225
Cells, examination of living cells, 525
Cellulitis, acute frontal sinusitis, orbital cellulitis, osteomyelitis and abscess of brain, with recovery, *476
Cerebellum, biologic development of, 677
localization of vestibular reaction of extended arms and of pointing test; diagnostic value of these reactions in course of diseases of cerebellar fossa, 217
Cerebrospinal Fluid, case of loss of cerebrospinal fluid following traumatic injury to dura, 845
rhinorrhea, 844, 845
rhinorrhea with cyst of pituitary body; treatment and apparent cure, report of case, *610
Chamberlain, W. B.: New operating table, 530
Childrey, J. H.: Absorption from mucosa of frontal sinus, *564
Myoclonic movements of larynx and pharynx; manifestation of epidemic encephalitis, *139
Tumors of tonsil and pharynx (357 cases); adenocarcinomas of mixed tumor type (74 cases), *699
Tumors of tonsil and pharynx (357 cases); benign tumors (63 cases), *596
Tumors of tonsil and pharynx (357 cases); malignant tumors exclusive of adenocarcinoma of mixed tumor type (220 cases), *713
Choanae: See Nose
Chondritis laryngeal, clinical aspects and pathogenesis of, 517
Chondroma, isolated chondroma in bony portion of external auditory meatus, 513
Clerf, L. H.: Congenital stenosis of larynx, report of cases, 538
Coakley, C. G.: A fellowship in otolaryngology, 530
Cocaine, effect on vestibular response to rotation, *755
Cohen, L.: Electrosurgery as an aid in rhinopharyngology, 402
Cohen, S.: Sphenoid burr and rasp, *828
Colbert, C. N.: Sinusitis in a series of alcoholic hallucinoses, *327
Colds, bacteriological study of "colds" on an isolated tropical island, 520
common, etiology of, 520
Colitis, otolaryngologic treatment of chronic ulcerative colitis, 402
Cone, A. J.: Incidence of acute otitis media in infants and in young children during 1930-1931; variations in clinical picture, *797
Cornell, W. S.: Audiometric findings and clinical records in Philadelphia public schools, 395
Corynebacterium ulcerans, ulcerative laryngitis due to, 228
Cranium, carcinoma of sphenoid sinuses with invasion of cranial cavity, *16
involvement of skull in osteitis fibrosa and in osteitis deformans, 105
osteomyelitis of skull: osteogenic processes in repair of cranial defects, 400
progressive osteomyelitis of cranial bones secondary to suppurative nasal sinus disease, 239
Crockett, E. A.: Result of treatment for otosclerosis by parathyroid hormone and a low calcium diet, 660
Crowe, S. J.: Function of tensor tympani muscle, experimental study, *575, 669
Curet, improved curet for operation on mastoid, *85
Cyst, cerebrospinal rhinorrhea with cyst of pituitary body: treatment and apparent cure; report of case, *610
in right maxillary cavity, 395

Dabney, V.: Angioma of nasal septum; case report, 537
Dacryocystotomy: See under Lacrimal Organs
Darrow, C. H.: Otolaryngologic treatment of chronic ulcerative colitis, 402
Davenport, C. B.: Report of committee on otosclerosis, 661
Davison, C.: Carcinoma of sphenoid sinuses with invasion of cranial cavity, *16
Deafmutes, optical intuition in, 382
rotary nystagmus in, 832
Deafness: See also Hearing
audiometric findings and clinical records in Philadelphia public schools, 395
auditory tests in cases of marked or complete unilateral deafness, 687
bath treatment for, 642
case study in education of the deaf and blind, 387
deaf child, 380
detection and measurement of deafness in school children by means of a gramophone audiometer, 216
interpretation of conduction deafness: report of 2 unusual cases, *48
prevention and amelioration of, 403
prevention of, 831
problems of, *36

Deafness—Continued
progressive deafness, otosclerosis and diseases of labyrinth, *86
progressive, report of committee on study of, 660
social aspects, 677
speech of deaf children, 222
Diabetes, rôle of chronic and of subacute infections in diabetic children, *432
Dick, W. M.: Sinusitis in a series of alcoholic hallucinoses, *327
Dickie, J. K. M.: Progressive deafness, otosclerosis and diseases of labyrinth, *86
Diphtheria, bacteriology of otitis media following, 223
chronic diphtheria originating in and limited to trachea and bronchi, 104
recognition of toxic diphtheria and nasal diphtheria, 388
Directory of otolaryngologic societies, 119, 251, 407, 545, 693, 847
Dixon, O. J.: Lipoma of larynx, *284
Dorrance, G. M.: Treatment of strictures of oropharynx, *731
Drury, D. W.: Aural acuity and lesions of brain; audiometric studies, 685
Duel, A. B.: Report of committee on study of progressive deafness, 660
Duke, W. W.: Advances in field of allergy as related to otolaryngology during years 1930 and 1931, *623
Dura, epidural abscess over tip of pyramid, with symptoms of fifth and sixth nerves; report of 2 cases, *337
loss of cerebrospinal fluid following traumatic injury to, 845
tumor of petrous bone, of malpighian origin, involving dura and cranial nerves, 381

Eagleton, W. P.: Biologic development of cerebellum, 677
Ear: See also Deafness; Hearing; Mastoiditis
calcigerous metaplasia of auricular cartilage, *70
carcinoma of external ear, 656
chondroma in bony portion of external auditory meatus, 513
constitutional problems in pathogenesis of diseases of ear, nose and throat, 389
disease, intra-aural administration of certain bacteria associated with middle ear disease in albino rats, 216
effects of some drugs on vestibular response to rotation, 663
evaluation of rotation and caloric tests, 681
formerly unknown tactile reflex of auricle, 101
fragility of bones, blue sclerae and auricular disturbances, 833
function of tensor tympani muscle; experimental study, *575, 669
hereditary and constitutional pathologic conditions of ear and of upper respiratory passages, 381
herpes zoster oticus; report of 2 cases, *822
illuminated otoscope designed for irrigating, *621
Inflammation of middle ear: See Otitis media
Inner: See Labyrinth
intracranial lesions of otitic origin from neurologist's standpoint, 665
intracranial lesions of otitic origin from ophthalmologist's standpoint, 664
intracranial lesions of otitic origin from otologist's standpoint, 664
late cochleovestibular manifestations of epidemic encephalitis, 642
light therapy in ear, nose and throat clinic of, 518
melanin in inner ear, *195
otological problems, 659
pathways of intracranial complication, 666
physical therapy in diseases of, *64
physiologic and clinical significance of pathologico-histologic changes in internal ear and central nervous system in new-born infants with abnormal fetal positions, 383
relations between diseases of nose and those of middle ear (not including syphilis and tuberculosis), 513
tonus of sensory terminations of internal ear; tonus as foundation of normal stimulation process particularly in cochlear apparatus, 514
tuberculosis of middle ear, primary, 100
vestibulocapillary reflex, 380
Edema, significance of edema due to mastoiditis, *551
Electrocoagulation, simple double needle electrode for electrocoagulation of hypertrophied inferior turbinates, *620
Electrode, simple double needle electrode for electrocoagulation of hypertrophied inferior turbinates, *620
Electrosurgery as an aid in rhinopharyngology, 402
Embolism and thrombosis, 523
Encephalitis, late cochleovestibular manifestations of, 642
myoclonic movements of larynx and pharynx: manifestation of epidemic encephalitis, *139
Epistaxis: See Nose, hemorrhage
Ersner, M. S.: Primary Vincent's infection of nose with secondary abscess of frontal lobe; report of case, *818
Radical operation on frontal sinus under local anesthesia, *26
Esophagoscope, improved, *479
Esophagospasm in children, 839
Esophagus, carcinoma of, 391
carcinoma of, treatment for, 392
foreign body in esophagus for 3 years, 520
multiple papillomas; report of case, *570
Essex, H. E.: Absorption from mucosa of frontal sinus, *564
Ethmoiditis with orbital involvement, 658
Eustachian tubes, rôle in hearing, *615
Eye, etiologic study of a series of optic neuropathies, 385
movement, effect of labyrinthine and cortical stimulation on position of eyes following section of posterior longitudinal bundle, 381
movements, Parinaud's syndrome with labyrinthine disturbances: physiopathologic mechanism of this syndrome, 221
shield for eyes and for eyeglasses, *341

Fallopian canal, operative treatment of facial palsy by introduction of nerve grafts into fallopian canal and by other intratemporal methods, 690
Farrell, J. I.: Larynx in paralysis of recurrent laryngeal nerve, *166
Faunce, C. B.: Mastoiditis with aseptic meningitis, 234
Mastoiditis with septicemia, 655
Fenton, R. A.: "Reticulo-endothelial" components of accessory sinus mucosa; experimental and clinical observations, *586
Fetus, physiologic and clinical significance of pathologico-histologic changes in internal ear and central nervous system in new-born infants with abnormal fetal positions, 383
Fibroma, nasopharyngeal, operative treatment of, 650
Fibrosarcoma, of pharynx, 237
Fish, M. W.: Effects of some drugs on vestibular response to rotation, 663, *755
Fisher, L.: Evaluation of rotation and caloric tests, 681
Fistulas, parotid fistulas in mastoid wound, 672
unusual kind of incitation of labyrinthine irritation by labyrinthine fistula, 648
Food, importance of food sensitization in allergic rhinitis, 102
Forceps, for intrabronchial injection of iodized oil, *617
Fowler, E. P.: Scientific aspects of American Federation, 678
Fowler, E. P., Jr.: Important points in 4 theories on otosclerosis, 661
Frey, M. C.: Audiometric findings and clinical records in Philadelphia public schools, 395
Friesner, I.: Infections of middle ear; acute systemic infections from ear, *257
Pathways of intracranial complications, 666
Frontal Sinus, absorption from mucosa of, *564
acute frontal sinusitis, orbital cellulitis, osteomyelitis and abscess of brain, with recovery, *476
case of radical obliterative frontal sinus, 237
external operations on, 242, *793
giant mucocele of, 387
perforating bullet wound of frontal portion of brain with involvement of frontal sinus cured by operative treatment, 522
postoperative complications of radical operation on, 533
radical operation under local anesthesia, *26
results of Killian's operation on, 649
Furstenberg, A. C.: Osteomyelitis of skull; osteogenic processes in repair of cranial defects, 400

Gafafer, W. M.: Transillumination and roentgenography of maxillary sinuses, *737
Gale, C. K.: Labyrinthine capsule in guinea-pigs with hyperparathyroidism, *815

Galloway, T. C.: Carcinoma of esophagus, 391
Treatment for carcinoma of esophagus, 392
Garland, F. E.: Carcinoma of tongue with blocked dissection of neck, 842
Ginsburg, L.: Multiple papillomas of esophagus, report of case, *570
Glasses, new shield for, *341
Good, P.: Development of head lights and introduction of Good-lite, 393
Goodell, W.: Herpes zoster oticus; report of 2 cases, *822
Goodyear, H. M.: Osteoma of nasal septum with large epidural abscess; operation; recovery, *23
Gramophone, detection and measurement of deafness in school children by means of a gramophone audiometer, 216
Granuloma, malignant granuloma of nose with fatality, 530
Grove, W. E.: Symptom of vertigo, *177
Glushak, L.: New tonsil knife for dissection enucleation and tongue depressors, *825

Hallucinoses, alcoholic, sinusitis in a series of, *327
Hansel, F. K.: Malignant tumors of nasopharynx with involvement of nervous system, 530
Happ, L.: Case of mastoiditis; lateral sinus phlebitis with septicemia, 840
Harrell, V.: Present status of Plaut-Vincent's infection, *1
Hasty, F. E.: Roentgenology as an aid in practice of otology and rhinology, 401
Havens, F. Z.: Primary tuberculosis of nasal mucous membrane, *181
Hayden, A. A.: External operations on frontal sinus, 242
Prevention and amelioration of deafness, 403
Hay-fever, causal therapy by desensitization, 106
treatment and nature of pollen allergens, 522
Head lights, development of head lights and introduction of Good-lite, 393
Hearing: See also Deafness
aural acuity and lesions of brain; audiometric studies, 685
constitutional (heredodegenerative) labyrinthine baryecoia in children, 833
demonstration of sounding rods, 672
evaluation of rotation and caloric tests, 681
fluctuations in pitch of sounds, 832
noise in industry: its effect on hearing and on general health, 396
present-day method for testing hearing among school children, 512
rôle of eustachian tubes in, *615
scientific aspects, 678
Heatly, C. A.: Motion picture studies of larynx, 531
Helwig, F. C.: Lipoma of larynx, *284
Hernia, diaphragmatic, 2 bronchoscopic cases, 236
Herpes zoster oticus; report of 2 cases, *822
Higbee, D. R.: Calcigerous metaplasia of auricular cartilage, *70
Hill, F. T.: Addison's disease, 530
Observations following adenoidectomy, *775
Holinger, J.: Cyst in right maxillary cavity, 395
Hollis, C. B.: Scouring apparatus for cleansing of cavities, such as paranasal air cells, *82
Hoover, W. B.: Bilateral abductor paralysis; operative treatment by submucous resection of vocal cords, 540
Hughson, W.: Function of tensor tympani muscle, experimental study, *575, 669
Hunt, J. R.: Intracranial lesions of otitic origin from neurologist's standpoint, 665
Hunter, R. J.: Lesions of pterygomaxillary fossa, 110
Hypophysis: See Pituitary Body

Immunity, Besredka theory of immunity and its possible application in otolaryngology, 103
Imperatori, C. J.: Congenital stenosis of larynx, 530
Infections, rôle of chronic and of subacute infections in diabetic children, *432
Instrument: See also Apparatus
illuminated otoscope designed for irrigating, *621
improved bronchoscope and esophagoscope, *479
improved curet for operation on mastoid, *85
new bipolar electrode for coagulation of tonsils, *80
new forceps for intrabronchial injection of iodized oil, *617
new tonsil knife for dissection enucleation and tongue depressor, *825
Instrument—Continued
postnasal aspirator, *829
retractor for use in radical operation on antrum, *341
simple double needle electrode for electrocoagulation of hypertrophied inferior turbinates, *620
sphenoid burr and rasp, *828
Iodized oil, new forceps for intrabronchial injection of, *617
Israel, S.: An improved bronchoscope and esophagoscope, *479

Jaffe, H. L.: Labyrinthine capsule in guinea-pigs with hyperparathyroidism, *815
Jaw, refracture of jaw to reduce an open bite, 856
Johnson, C. R.: Progress of case of mastoiditis, 235
Josephson, E. M.: A method of measurement of tinnitus aurium, *282

Kahr, S.: Carcinoma of sphenoid sinuses with invasion of cranial cavity, *16
Katz, B.: Ultraviolet light in tuberculosis of larynx, *9
Kazanjian, V. H.: Carcinoma of external ear, 656
Plastic operation for congenital cleft palate, 237
Refracture of jaw to reduce an open bite, 656
Keeler, J. C.: Postoperative treatment by radium in radical mastoidectomy, 113
King, E.: Technic of correcting nasal deformities, *483
Kolmer, J. A.: Specific prophylaxis of pneumococcus and streptococcus meningitis; serum prophylaxis, *125
Kopetzky, S. J.: Acute and chronic otitis media and sinus thrombosis, *489

Labyrinth, constitutional (heredodegenerative) labyrinthine baryecoia in children, 833
effects of some drugs on vestibular response to rotation, *755
growth processes in normal labyrinth capsule and their relation to otosclerosis, 647
labyrinthine capsule in guinea-pigs with hyperparathyroidism, *815
lumbar puncture and indication for operation, 389
macula utriculi accessoria in human beings and other congenital defects of internal ear, 222
Parinaud's syndrome with labyrinthine disturbances: physiopathologic mechanism of this syndrome, 221
progressive deafness, otosclerosis and diseases of, *86
unusual kind of incitation of labyrinthine irritation by labyrinthine fistula, 648
Lacrimal Organs, case of Toti-Mosher operation, 235, 236
intranasal dacryocystotomy for relief of lacrimal obstruction, analysis of 63 cases, 386
Laird, R.: Audiometric findings and clinical records in Philadelphia public schools, 395
Laryngectomy, case of, 843
one-stage, 843
total, production of voice and speech following; exercise and practice for production of pseudovoice, *413
Laryngitis, ulcerative, due to Corynebacterium ulcerans, 228
Laryngopharynx, malignant conditions of, 117
Larynx, cancer of, thyrotomy in treatment for, 404
carcinoma of, 238
clinical aspects and pathogenesis of laryngeal chondritis, 517
congenital stenosis of, 530, 538
in paralysis of recurrent laryngeal nerve, *166
lipoma of, *284
lung immobilization in treatment of pulmonary tuberculosis and its influence on larynx, 101
motion picture studies of, 531
myoclonic movements of larynx and pharynx, a manifestation of epidemic encephalitis, *139
paralysis; sudden bilateral paralysis of larynx in tuberculosis: report of 2 cases, 539
perichondritis laryngea, treatment, 834
stenosing malformation of larynx, 3 cases, 229
tuberculosis, ultraviolet light in, *9
tuberculous ulcerations treated by acriflavine hydrochloride, 228
Leasure, J. K.: Postnasal aspirator, *829
Lemel, S. L.: New shield for eyes and for eyeglasses, *341

Leontiasis ossea faciei, 651
Lester, J. C.: A pneumotympanic vibrator, 689
Lewy, A.: Carcinoma of larynx, 238
Lierle, D. M.: Rôle of chronic and of subacute infections in diabetic children, *432
Lifschutz, J.: Fatal hemorrhage resulting from extension of retropharyngeal abscess to deep vessels of neck, *149
Light therapy, experiences with light therapy in ear, nose and throat clinic of Charité, 518
Lillie, H. I.: Effect of suppurative disease of temporal bone on certain of cranial nerves, 675
External operation on frontal sinus, *793
Postoperative complications of radical operation on external frontal sinus, 533
Lipoma of larynx, *284
Lukens, R. M.: Sudden bilateral paralysis of larynx in tuberculosis; report of 2 cases, 539
Lumbar Puncture: See Spinal puncture
Lung, abscess of, 657
immobilization in treatment of pulmonary tuberculosis and its influence on larynx, 101
Lurie, M. H.: Laryngectomy, 843
Lymphatism, relationship between status lymphaticus, thymus and suprarenal glands, 528

MacDonald, D. H.: Rhinorrhea, 845
McGregor, G.: Further proof of regeneration of mucous membrane in human antrum, *309
McMurray, J.: Intra-antral air pressure incident to respiratory excursion and its effect on antral drainage, *581
Mastoid, improved curet for operation on, *85
parotid fistulas in mastoid wound, 672
Mastoidectomy, postoperative treatment by radium, 113
Mastoiditis, acute, indications for operations in, 248
acute, symptomless, 216
and lateral sinus thrombosis in infant, 216
case of mastoiditis, lateral sinus phlebitis with septicemia, 840
in nurslings, 99
otitis media and mastoiditis due to streptococcus epidemicus, 512
progress of case of, 235
significance of edema due to, *551
with aseptic meningitis, 234
with meningitis, 657
with septicemia, 655
Maxillary Sinus: See under Antrum
Measles, occurrence of numerous large giant cells in tonsils and pharyngeal mucosa in prodromal stage of, 515
Meister, E. E.: Carcinoma of larynx, 238
Melanin in inner ear, *195
Meltzer, P. E.: Brain abscess with meningitis, 234
Ménière's Disease: See Vertigo
Meningitis, brain abscess with, 234
case of mastoiditis with aseptic meningitis, 234
histopathologic investigations on meningitis with exception of epidemic meningitis, 523
irritative, case of, 841
mastoiditis with, 657
meningocele within middle turbinate discovered during an operation on ethmoid, resulting in meningitis and recovery, *339
mixed tuberculous and meningococcic, 222
specific prophylaxis of pneumococcus and streptococcus meningitis; serum prophylaxis, *125
Meningocele within middle turbinate discovered during operation on ethmoid, resulting in meningitis and recovery, *339
Monilia metatropicalis, acute mycotic tonsillitis: case of acute tonsillitis resulting from Monilia metatropicalis, 225
Morphine, effect on vestibular response to rotation, *755
Morrison, W. W.: Production of voice and speech following total laryngectomy; exercise and practice for production of pseudovoice, *413
Simple double needle electrode for electrocoagulation of hypertrophied inferior turbinates, *620
Mosher, H. P.: Examination of living cells, 525
Mouth, treatment of strictures of oropharynx, *731
Mucocele, giant mucocele of frontal sinus, 387
Mucous membrane, further proof of regeneration of mucous membrane in human antrum, *309
Muscle, function of tensor tympani muscle, experimental study, *575, 669
Myerson, M. C.: Natural orifice of maxillary sinus; anatomic studies, 534
Myringitis: See under Tympanum
Mysel, P.: Case of irritative meningitis, 841
Recurrent chills and fever following interval of normal temperature after jugular ligation, 841

Nasopharynx, fibroma, operative treatment of, 650
malignant tumors of nasopharynx with involvement of nervous system, 530
Neck, fatal hemorrhage resulting from extension of retropharyngeal abscess to deep vessels of neck, *149
Nerves, cranial, effect of suppurative disease of temporal bone on, 675
epidural abscess over tip of pyramid, with symptoms of fifth and sixth nerves; report of 2 cases, *337
facial; usual course and relations of nervus facialis and important variations, 114
lesion of both auditory nerves, together with several other cranial nerves on left side, 217
paralysis of recurrent laryngeal nerve, larynx in, *166
tumor of petrous bone, of malpighian origin, involving dura and cranial nerves, 381
Nervous System; malignant tumors of nasopharynx with involvement of nervous system, 530
physiologic and clinical significance of pathologico-histologic changes in internal ear and central nervous system in new-born infants with abnormal fetal positions, 383
Neuralgia, facial, retrogasserian neurotomy for, 230
Neuritis, relation of paranasal sinuses to ocular disorders, especially to retrobulbar neuritis, 229
Neurotomy, retrogasserian, in facial neuralgia, 230
New, G. B.: Present status of thyrotomy in treatment for cancer of larynx, 404
Tumors of pharynx and tonsils, 530
Tumors of tonsil and pharynx (357 cases); adenocarcinomas of mixed tumor type (74 cases), *699
Tumors of tonsil and pharynx (357 cases); benign tumors (63 cases), *596
Tumors of tonsil and pharynx (357 cases); malignant tumors exclusive of adenocarcinoma of mixed tumor type (220 cases), *713
Nicotine, effect on vestibular response to rotation, *755
Nitrite, effect on vestibular response to rotation, *755
Noise in industry: its effect on hearing and on general health, 396
Nose: See also Nasopharynx
Accessory sinuses: See Sinuses, nasal
angioma of nasal septum, case report, 537
atresia of choanae, 654
atresia of one or both nasal passages and certain apparently related lesions, congenital, 527
constitutional problems in pathogenesis of diseases of ear, nose and throat, 389
deformities, technic of correcting, *483
diphtheria, recognition of, 388
discharge; cerebrospinal rhinorrhea, 844
discharge; cerebrospinal rhinorrhea, case of, 845
discharge; cerebrospinal rhinorrhea with cyst of pituitary body: treatment and apparent cure; report of case, *610
granuloma, malignant, of nose with fatality, 530
hemorrhage; hereditary epistaxis; with and without hereditary (familial) multiple hemorrhagic telangiectasia (Osler's disease), 230
light therapy in ear, nose and throat clinic of Charité, 518
naso-orbital relations during infancy, 837
osteoma of nasal septum with large epidural abscess; operation; recovery, *23
osteomyelitis of cranial bones secondary to suppurative nasal sinus disease, 239
physical therapy in diseases of, *64
plastic surgery, *462
plastic surgery; ivory implants for saddle nose, results in 50 cases, 836
postnasal aspirator, *829
relations between diseases of nose and those of middle ear (not including syphilis and tuberculosis), 513
septum operation, local anesthesia in, 650

Nose—Continued
surgery, variations in retinal arterial tension following nasal operations, 386
tuberculosis of nasal mucous membrane, primary, *181
turbinate, meningocele within middle turbinate discovered during operation on ethmoid, resulting in meningitis and recovery, *339
turbinates, simple double needle electrode for electrocoagulation of hypertrophied inferior turbinates, *620
Vincent's infection of nose with secondary abscess of frontal lobe; report of case, *818
Novak, F. J., Jr.: Agranulocytic angina, 243
Nystagmus, certain reflexes, especially oculocardiac reflex, and provoked nystagmus in a case of pathologic sleep, 521
effects of some drugs on vestibular response to rotation, *755
horizontal nystagmus with changing direction according to suppression of vision of either eye: tonic and kinetic disturbances of eyes following traumatism in a person with syphilis, 220
occupational nystagmus in train dispatchers, 98
rotary nystagmus in deaf-mutes, 832

Obituary:
Lynch, R. C., 213

O'Brien, G. R.: Meningocele within middle turbinate discovered during operation on ethmoid, resulting in meningitis and recovery, *339
Oculocardiac reflex; certain reflexes especially oculocardiac reflex, and provoked nystagmus in a case of pathologic sleep, 521
Odeneal, T. H.: Physical therapy in diseases of ear, nose and throat, *64
Olsen, A.: Effects of some drugs on vestibular response to rotation, 663, *755
Operating table, new, 530
Orbit, acute frontal sinusitis, orbital cellulitis, osteomyelitis and abscess of brain, with recovery, *476
ethmoiditis with orbital involvement, 658
etiology and treatment of orbital infection, 532
naso-orbital relations during infancy, 837
osteoma, treatment, with report of case, 836
thrombophlebitis of cavernous and intercavernous sinuses; bilateral orbital thrombophlebitis consecutive to peritonsillar abscess, 225
radiographic demonstrations in orbitosinusal conditions, 652
Oropharynx, treatment of strictures of, *731
Orton, H. B.: Malignant conditions of laryngopharynx, 117
Tracheotomy tube, 530
Osler's disease, hereditary epistaxis; with and without hereditary (familial) multiple hemorrhagic telangiectasia (Osler's disease), 230
Osteitis deformans, involvement of skull in, 105
fibrosa, involvement of skull in osteitis fibrosa and in osteitis deformans, 105
Osteoma of nasal septum with large epidural abscess; operation; recovery, *23
treatment of orbital osteoma, with report of case, 836
Osteomyelitis, acute frontal sinusitis, orbital cellulitis, osteomyelitis and abscess of brain, with recovery, *476
of skull, osteogenic processes in repair of cranial defects, 400
progressive osteomyelitis of cranial bones secondary to suppurative nasal sinus disease, 239
Otitis Media, acute and chronic otitis media and sinus thrombosis, *489
and mastoiditis due to streptococcus epidemicus, 512
and mastoiditis in nurslings, 99
bacteriology of otitis media following scarlet fever and diphtheria, 223
blood picture in otitic infections, *291
casuistics of complications in mesotympanal suppurations with harmless auricular aspects, 834
incidence of acute otitis media in infants and in young children during 1930-1931: variations in clinical picture, *797
infections of middle ear; acute systemic infections from ear, *257
inflammation of malformed middle ear, 100
management and treatment, 512
modified attic drainage in, 115
Otitis Media—Continued
pathologic anatomy of spontaneous and experimental inflammatory changes of middle ear and remarks on structure, 514
Otolaryngologic societies, directory of, 119, 251, 407, 545, 693, 847
Otolaryngology, advances in field of allergy as related to otolaryngology during years 1930 and 1931, *623
fellowship in, 530
Otoliths, nature and development of, 99
Otology, roentgenology as an aid in practice of otology and rhinology, 401
Otosclerosis, cause of, 831
growth processes in normal labyrinth capsule and their relation to, 647
important points in 4 theories on, 661
pathogenesis of, *186
progressive deafness, otosclerosis and diseases of labyrinth, *86
result of treatment for otosclerosis by parathyroid hormone and a low calcium diet, 660
Otoscope, electrical, answer to criticism of, 222
illuminated otoscope designed for irrigating, *621
Oughterson, A. W.: New forceps for intrabronchial injection of iodized oil, *617
Ozena: See Rhinitis, Atrophic

Packard, F. R.: Presidential address, 525
Palate, congenital cleft, plastic operation for, 237
Pantocaine (derivative of procaine hydrochloride) a satisfactory substitute for cocaine, 105
Papillomas, multiple, of esophagus, report of case, *570
Paralysis, bilateral abductor, operative treatment by submucous resection of vocal cords, 540
facial, operative treatment of facial palsy by introduction of nerve grafts into fallopian canal and by other intratemporal methods, 690
larynx in paralysis of recurrent laryngeal nerve, *166
Parathyroid extract, result of treatment for otosclerosis by parathyroid hormone and a low calcium diet, 660
Parathyroidism, labyrinthine capsule in guinea-pigs with hyperparathyroidism, *815
Parinaud's syndrome with labyrinthine disturbances: physiopathologic mechanism of this syndrome, 221
Parker, H. L.: Myoclonic movements of larynx and pharynx; a manifestation of epidemic encephalitis, *139
Parotid fistulas in mastoid wound, 672
Peer, L. A.: Plastic surgery of nose, *462
Perichondritis laryngea, treatment on basis of clinical and histologic investigations, 834
Petrous bone, tumor of malpighian origin, involving dura and cranial nerves, 381
Pharynx, fibrosarcoma of, 237
myoclonic movements of larynx and pharynx; manifestation of epidemic encephalitis, *139
occurrence of numerous large giant cells in tonsils and pharyngeal mucosa in prodromal stage of measles, 515
retropharyngeal abscess: newer methods of diagnosis and treatment, *467
treatment of strictures of oropharynx, *731
tumors of pharynx and tonsils, 530
tumors of tonsil and pharynx (357 cases); adenocarcinomas of mixed tumor type (74 cases), *699
tumors of tonsil and pharynx (357 cases); benign tumors (63 cases), *596
tumors of tonsil and pharynx (357 cases); malignant tumors exclusive of adenocarcinoma of mixed tumor type (220 cases), *713
Phlebitis, case of mastoiditis; lateral sinus phlebitis with septicemia, 840
Physical therapy in diseases of ear, nose and throat, *64
Picrotoxin, effect on vestibular response to rotation, *755
Pilocarpine, effect on vestibular response to rotation, *755
Pituitary body; cerebrospinal rhinorrhea with cyst of pituitary body; treatment and apparent cure; report of case, *610
Plaut-Vincent's infection: See Angina
Pohlman, A. G.: Interpretation of conduction deafness; report of 2 unusual cases, *48
Pointing test, localization of vestibular reaction of extended arms and of pointing test: diagnostic value of these reactions in course of diseases of cerebellar fossa, 217

Poirier, G. H.: Case of Toti-Mosher operation, 235, 236
Ethmoiditis with orbital involvement, 658
Porter, C. T.: Etiology and treatment of orbital infection, 532
Potter, J. J.: Rôle of chronic and of subacute infections in diabetic children, *432
Pressman, J. J.: Primary Vincent's infection of nose with secondary abscess of frontal lobe; report of case, *818
Radical operation on frontal sinus under local anesthesia, *26
Pterygomaxilliary fossa, lesions of, report of 3 cases, 110

Radium, postoperative treatment by radium in radical mastoidectomy, 113
Reflexes, certain reflexes especially oculocardiac reflex, and provoked nystagmus in a case of pathologic sleep, 521
formerly unknown tactile reflex of auricle, 101
vestibulocapillary, 380
Respiratory tract, hereditary and constitutional pathologic conditions of ear and of upper respiratory passages, 381
infections in diabetic children, *432
Reticulo-endothelial components of accessory sinus mucosa, experimental and clinical observations, *586
Retina, variations in retinal tension following nasal operations, 386
Retractor for use in radical operation on antrum, *341
Retropharynx: See under Pharynx
Rheumatism, relationship of throat infection to acute rheumatism in childhood, 224
Rhinitis, allergic, importance of food sensitization in, 102
atrophic; congenital absence of sweat glands and ozena, 231
atrophic; genuine ozena as avitaminosis, 519
atrophic, treatment for, *618
Rhinology, roentgenology as an aid in practice of, 401
Rhinopharyngology, electrosurgery as an aid in, 402
Rhinorrhea: See Nose, discharge
Rhinoscleroma, 846
Roentgenography and transillumination of maxillary sinuses, *737
Roentgenology as an aid in practice of otology and rhinology, 401
Rosenthal, N.: Blood picture in otitic infections, *291
Rosenwasser, H.: Blood picture in otitic infections, *291
Ross, E. L.: Effects of some drugs on vestibular response to rotation, 663, *753
Rotation, effects of some drugs on vestibular response to, 663, *755
Rott, O. M.: Why ligate jugular vein in cases of lateral sinus thrombosis? *272

Scarlet fever, bacteriology of otitis media following, 223
streptococci associated with epidemic septic sore throat; their relationship to streptococci associated with scarlet fever, 649
Schall, L.: Case of loss of cerebrospinal fluid following traumatic injury to dura, 845
Laryngectomy, 843
School children, present-day method for testing hearing among, 512
Sclerae, blue sclerae, fragility of bones, and auricular disturbances, 833
Sea-sickness, labyrinthine theory, 216
note on, 98
Seydell, E. M.: Survey of fact and theory in field of olfaction, 536
Shambaugh, G. E.: Problems of deafness, *36
Sheehan, J. E.: Plastic surgery, *377
Shield, new shield for eyes and for eyeglasses, *341
Simon, E.: Antroscopic diagnosis of maxillary sinusitis, *266
Sinus: See also Ethmoid; Frontal Sinus; etc.
accessory nasal sinuses, etiologic study of series of optic neuropathies due to diseases of sinuses, 385
accessory nasal sinuses in children, diseases of, 519
accessory nasal cavities, physiologic significance of, 837
accessory nasal sinuses relation to asthma, *784
accessory nasal sinuses; "reticulo-endothelial" components of accessory sinus mucosa, experimental and clinical observations, *586

Sinus—Continued
diagnosing and treating sinusitis in infants and children, 518
paranasal; relation of paranasal sinuses to ocular disorders, especially to retrobulbar neuritis, 229
paranasal sinusitis; local immunization treatment, *30
paranasal sinuses: review of literature from Oct. 1, 1929, to Dec. 31, 1930, *344
scouring apparatus for cleansing of cavities, such as paranasal air cells, *82
sinusitis in a series of alcoholic hallucinoses, *327
Sleep, certain reflexes, especially oculocardiac reflex, and provoked nystagmus in case of pathologic sleep, 521
Smell, survey of fact and theory in field of olfaction, 536
Smith, C.: Cerebrospinal rhinorrhea with cyst of pituitary body; treatment and apparent cure; report of case, *610
Smith, C. H.: Epidural abscess over tip of pyramid, with symptoms of fifth and sixth nerves; report of 2 cases, *337
Smyth, D. C.: Paranasal sinuses; review of literature from Oct. 1, 1929, to Dec. 31, 1930, *344
Two bronchoscopic cases, 236
Smyth, H. F.: Noise in industry: its effect on hearing and on general health, 396
Society, American Academy of Ophthalmology and Otolaryngology, meeting, 212
local, directory of, 121, 253, 409, 547, 695, 849
national, directory of, 119, 251, 407, 545, 693, 847
sectional, directory of, 119, 251, 407, 545, 693, 847
state, directory of, 120, 252, 408, 546, 694, 848

Society Transactions:
American Laryngological Association, 525
American Laryngological, Rhinological and Otologic Society, Inc., 400
American Otological Society, 659
Chicago Laryngological and Otological Society, 238, 390
College of Physicians of Philadelphia, Section on Otolaryngology, 108
College of Physicians of Philadelphia, section on Otolaryngology and Public Health and Industrial Medicine, 395
Massachusetts Eye and Ear Infirmary, Oto-Rhino-Laryngological Services, 234, 654
Sonnenschein, R.: Demonstration of sounding rods, 672
Sounding rods, demonstration of, 672
Spectacles: See Glasses
Speech defect, Makuen's treatment of stammerers, 108
defects, organization of social service for school children suffering from, 390
defects, sound testing of stutterers, 390
defects, stuttering, 838
influence of speech defects on learning ability in elementary classes, 653
of deaf children, 222
production of voice and speech following total laryngectomy: exercise and practice for production of pseudovoice, *413
relation of speech and voice therapeutics to operative laryngorhinology, 232
Sphenoid Sinus, burr and rasp, *828
carcinoma with invasion of cranial cavity, *16
Spinal puncture, lumbar puncture and indication for operation, 389
Spratt, C. N.: Improved curet for operation on mastoid, *85
Staining, "reticulo-endothelial" components of accessory sinus mucosa, experimental and clinical observations, *586
Stammering: See Speech defects
Status Lymphaticus: See Lymphatism
Steel, M. S.: Dr. G. Hudson Makuen's treatment of stammerers, 108
Stovin, J. S.: Treatment for atrophic rhinitis, *618
Streptococci associated with epidemic septic sore throat; their relationship to streptococci associated with scarlet fever, 649
carriers of streptococcus epidemicus tonsillectomy in, 516
human carriers of streptococcus epidemicus, 224
otitis media and mastoiditis due to streptococcus epidemicus, 512

Strychnine, effect on vestibular response to rotation, *755
Stuttering: See Speech defects
Sunde, E. A.: A new bipolar electrode for coagulation of tonsils, *80
Suprarenal glands, relationship between status lymphaticus, thymus and suprarenals, 528
Surgery, plastic: See also under Nose plastic, *377
Sweat glands, congenital absence of sweat glands and ozena, 231
Syphilis, horizontal nystagmus with changing direction according to suppression of vision of either eye: tonic and kinetic disturbances of eyes following traumatism in a person with syphilis, 220

Tegelberg, J.: Abscess of lung, 657
Telangiectasia, hereditary epistaxis; with and without hereditary (familial) multiple hemorrhagic telangiectasia (Osler's disease), 230
Temporal bone, effect of suppurative disease of temporal bone on certain of cranial nerves, 675
lobe, investigations on individual histology of connective tissue: pneumatization of temporal bone, 512
Throat, comparative investigation of bacterial flora of throat made in different parts of Germany (with special reference to gram-negative cocci), 385
constitutional problems in pathogenesis of diseases of ear, nose and throat, 389
experiences with light therapy in ear, nose and throat clinic of Charité, 518
infection in relation to acute rheumatism in childhood, 224
physical therapy in diseases of, *64
streptococci associated with epidemic septic sore, their relationship to streptococci associated with scarlet fever, 649
Thrombophlebitis of cavernous and intercavernous sinuses: bilateral orbital thrombophlebitis consecutive to peritonsillar abscess, 225
Thrombosis and embolism, 523
mastoiditis and lateral sinus thrombosis in infant, 216
sinus, and acute and chronic otitis media, *489
why ligate jugular vein in cases of lateral sinus thrombosis, *272
Thymus, relationship between status lymphaticus, thymus and suprarenal glands, 528
Thyroid, tonsils in correlation with, 226
Thyrotomy, present status of thyrotomy in treatment for cancer of larynx, 404
Tinnitus, *158
aurium, method of measurement of, *282
Tobey, H. G.: Atresia of choanae, 654
Relation of nasal sinuses to asthma, *784
Tongue, carcinoma of tongue with blocked dissection of neck, 842
new tonsil knife for dissection enucleation and tongue depressor, *825
Tonsillectomy in carriers of streptococcus epidemicus, 516
indications for removal of tonsils and adenoids, 398
report on 2 cases of septicaemia following, 383
technic of tamponade following, 225
Tonsillitis, acute mycotic; case of acute tonsillitis resulting from Monilia metatropicalis, 225
development of endocranial complications after tonsillitis and peritonsillitis, 226
Tonsils, disturbances in carbohydrate metabolism in course of tonsillar diseases, 227
enucleation of tonsils in acute stage of inflammation, 384
experimental investigations on elective localization capacity of tonsillar bacteria, 516
in correlation with thyroid, 226
new bipolar electrode for coagulation of, *80
new tonsil knife for dissection enucleation and tongue depressors, *825
occurrence of numerous large giant cells in tonsils and pharyngeal mucosa in prodromal stage of measles, 515
pharyngeal, bacteriologic observations on, 384
problem, 385
relation of tonsils and adenoids to infections in children, 224
tumors of pharynx and, 530
tumors of tonsil and pharynx (357 cases); adenocarcinomas of mixed tumor type (74 cases), *699
Tonsils—Continued
tumors of tonsil and pharynx (357 cases); benign tumors (63 cases), *596
tumors of tonsil and pharynx (357 cases); malignant tumors exclusive of adenocarcinoma of mixed tumor type (220 cases), *713
Toti-Mosher operation, 235, 236
Trachea, chronic diphtheria originating in and limited to trachea and bronchi, 104
Tracheotomy tube, new, 530
Transillumination and roentgenography of maxillary sinuses, *737
Tuberculosis, lung immobilization in treatment of pulmonary tuberculosis and its influence on larynx, 101
primary, of middle ear, 100
primary, of nasal mucous membrane, *181
sudden bilateral paralysis of larynx in tuberculosis, report of 2 cases, 539
treatment of tuberculous ulcerations of larynx by means of acriflavine hydrochloride, 228
ultraviolet light in tuberculosis of larynx, *9
Tumors, malignant tumors of nasopharynx with involvement of nervous system, 530
of petrous bone, of malpighian origin, involving dura and cranial nerves, 381
of pharynx and tonsils, 530
of tonsil and pharynx (357 cases); adenocarcinomas of mixed tumor type (74 cases), *699
of tonsil and pharynx (357 cases); benign tumors (63 cases), *596
of tonsil and pharynx (357 cases): malignant tumors exclusive of adenocarcinoma of mixed tumor type (220 cases), *713
Turbinates: See under Nose
Tympanum, myringitis bullosa: report of 2 cases, *472

Ultraviolet light in tuberculosis of larynx, *9

Vein, jugular, recurrent chills and fever following interval of normal temperature after jugular ligation, 841
jugular, why ligate jugular vein in cases of lateral sinus thrombosis, *272
Vertigo, evaluation of rotation and caloric tests, 681
laryngeal vertigo and its relation to cataplexy, 532
phenomena of Ménière's disease, 515
symptom of, *177
Vibrator, pneumotympanic, 689
Vincent's angina: See Angina
Vocal cords, bilateral abductor paralysis: operative treatment by submucous resection of cords, 540
Voice, present status of evaluation of stroboscopic findings for pathology of, 517
production of voice and speech following total laryngectomy: exercise and practice for production of pseudovoice, *413
relation of speech and voice therapeutics to operative laryngorhinology, 232

Walker, D. H.: Otological problems, 659
Walter, L.: Cerebrospinal rhinorrhea with cyst of pituitary body; treatment and apparent cure; report of case, *610
Wegel, R. L.: Tinnitus, *158
Wilson, J. G.: Laryngeal vertigo and its relation to cataplexy, 532
Report of committee on study of progressive deafness, 660
Witting, E. G.: Function of tensor tympani muscle, experimental study, 575, 669
Wittmaack, K.: Pathogenesis of otosclerosis, *186
Wolcott, C. C.: Acute frontal sinusitis, orbital cellulitis, osteomyelitis and abscess of brain, with recovery, *476
Wolff, D.: Melanin in inner ear, *195
Wood, G. B.: Indications for removal of tonsils and adenoids, 398
Malignant granuloma of nose with fatality, 530
Woodward, F. D.: Retropharyngeal abscess; newer methods of diagnosis and treatment, *467
Wright, B. C.: Social aspects of work of American Federation, 677

Yerger, C. F.: Progressive osteomyelitis of cranial bones secondary to suppurative nasal sinus disease, 239

Ziegelman, E. F.: Myringitis bullosa; report of 2 cases, *472